

**Electronically filed on:**  
**April 1, 2010**

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| <b>AMENDMENT UNDER<br/>37 C.F.R. §1.111</b><br><br>Address to:<br>Mail Stop: Amendment<br>P.O. Box 1450<br>Alexandria, VA 22313-1450 | Attorney Docket      | BERK-032  |
|  | Confirmation No.     | 7712  |
|  | First Named Inventor | KEASLING, JAY D.  |
|  | Application Number   | 10/573,796  |
|  | Filing Date          | December 8, 2006  |
|  | Group Art Unit       | 1636  |
|  | Examiner Name        | Vogel, Nancy Treptow  |
|  | Title                | "Methods for Identifying a<br>Biosynthetic Pathway Gene<br>Product" |

Sir:

This amendment is responsive to the Office Action dated January 6, 2010, for which a three-month period for response was given, making this response due on April 6, 2010. Accordingly, this response is timely filed.

In view of the remarks put forth below, reconsideration and allowance are respectfully requested.